Acquisition Reform Success Story

E-3 Software Depot Facility Used to Conduct Radar Maintenance Training

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Program Description

The 373 TRS/Det 9 uses E-3 aircraft to conduct radar training courses for E-3 Radar Technicians an average of 2250 hours every 12 month. Radar training on the aircraft carried the requirement for the aircraft to be "Mission Capable" with a full up operating radar system. This was costly in terms of scheduling impacts, aircraft availability and fuel costs. It was determined that the Software Depot Facility, known as the Avionics System Integration Facility (ASIF) had the capacity to take on the additional operating hour loading to allow Det. 9 Training Instructors access to Lab facilities for training. Further the ASIF had the equipment required to support the training which had previously been done on the aircraft because that equipment was not available on the current maintenance trainer where the remainder of training takes place.

How Streamlining Made a Difference

Measure	From	To
Training Aircraft Scheduling	38%	12%
Support Equipment Fuel Cost	$67,072	$8,168

Bottom Line: Working with the 552 ACW/XP the RSIP acquisition team streamlined the requirement for the training aircraft to be "Mission Capable" providing the flexibility to schedule a Non-Mission Capable aircraft for training. In effect buying back a Mission Capable aircraft because you always have an aircraft down for maintenance which you can now scheduled as the training aircraft. They reduced the time the training aircraft was used for training by 24% by taking the training off the aircraft and moving it into the ASIF Lab. They also eliminated $12M in unfunded requirements which were levied against the new Surveillance Radar Training Set (SRTS) maintenance trainer which will replace the old maintenance trainer in FY 00.